

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062620\
 Data File : VV017187.D
 Acq On : 26 Jun 2020 17:26
 Operator : SY/MD
 Sample : L3103-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 27 00:26:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 27 00:23:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	323783	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	306373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	142150	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96159	42.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.18%
7) Chloroethane-d5	1.58	69	61526	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.76%
11) 1,1-Dichloroethene-d2	2.12	63	149018	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
21) 2-Butanone-d5	3.91	46	148914	88.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.06%
24) Chloroform-d	4.38	84	214144	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	155227	49.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.24%
32) Benzene-d6	5.08	84	406898	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.09	67	121293	44.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.12%
41) Toluene-d8	7.34	98	370822	45.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.52%
43) trans-1,3-Dichloropropene-	7.64	79	63460	44.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.52%
47) 2-Hexanone-d5	8.11	63	97845	81.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.52%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	161197	44.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.46%
64) 1,2-Dichlorobenzene-d4	11.65	152	152995	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

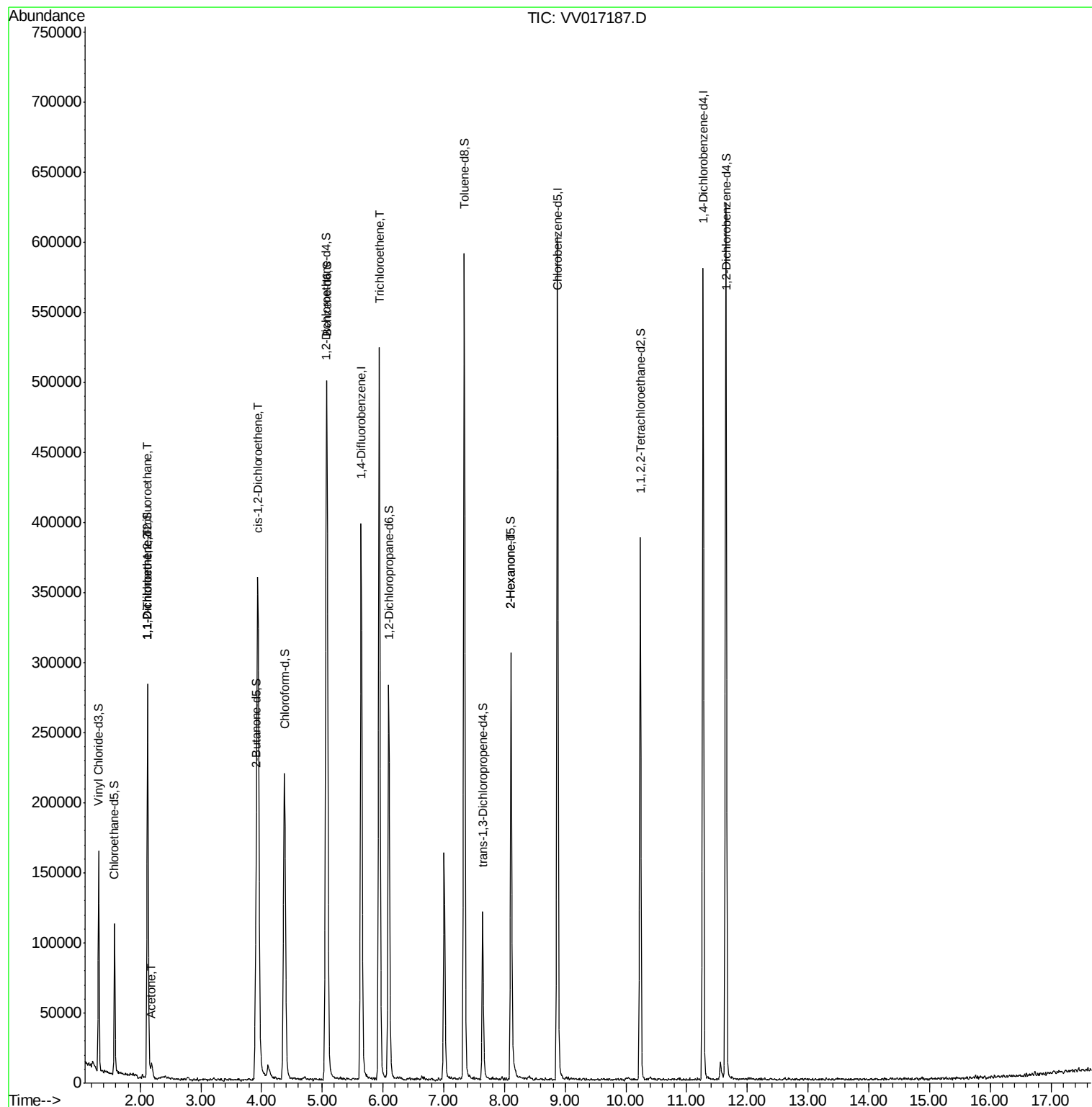
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1410	0.819 ug/L #	19
12) 1,1-Dichloroethene	2.12	96	1640	1.021 ug/L #	1
13) Acetone	2.19	43	12738	11.433 ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	187136	78.341 ug/L	97
34) Trichloroethene	5.94	95	170738	70.230 ug/L	97
48) 2-Hexanone	8.11	43	13964	5.391 ug/L #	71

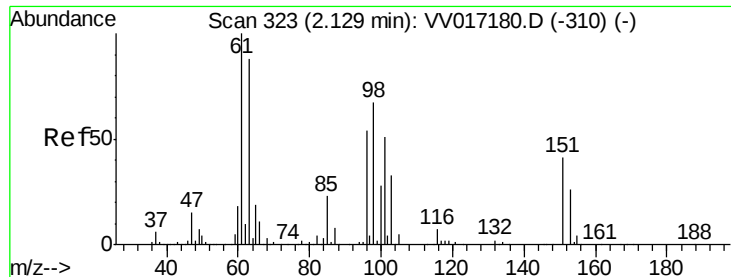
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 27 00:23:55 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.819 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017187.D

Acq: 26 Jun 2020 17:26

Instrument :

MSVOA_V

ClientSampled :

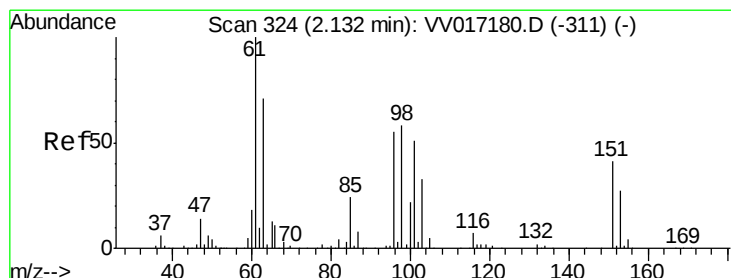
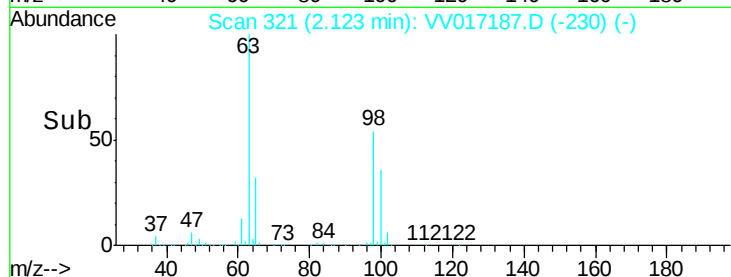
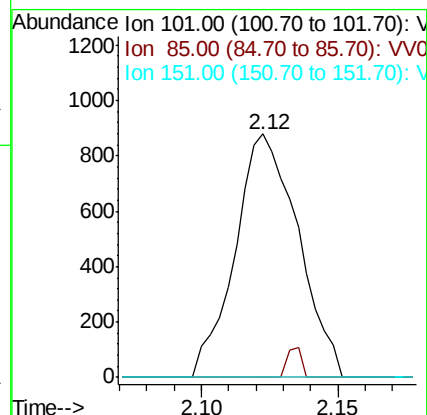
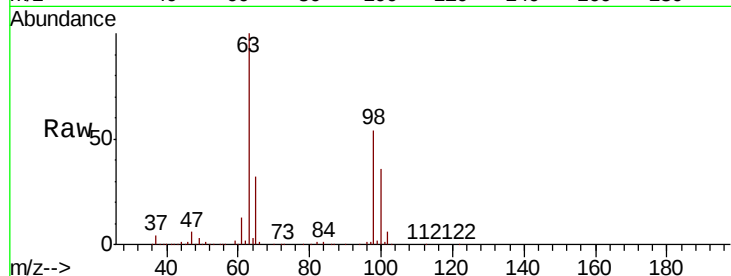
Tot Ion:101 Resp: 1410

Ion Ratio Lower Upper

101 100

85 2.8 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 1.021 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017187.D

Acq: 26 Jun 2020 17:26

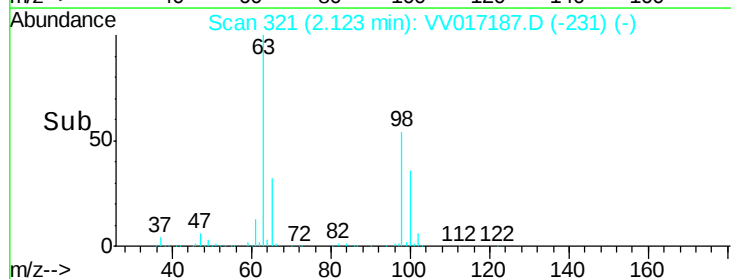
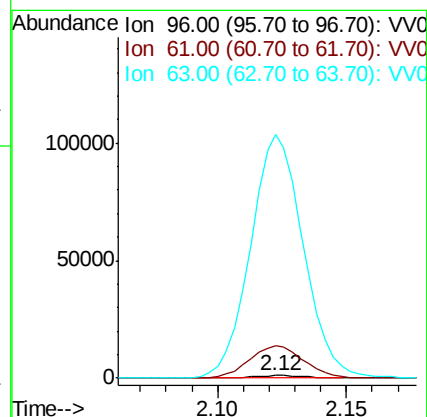
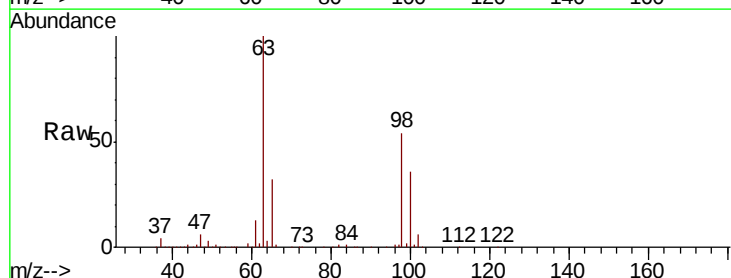
Tgt Ion: 96 Resp: 1640

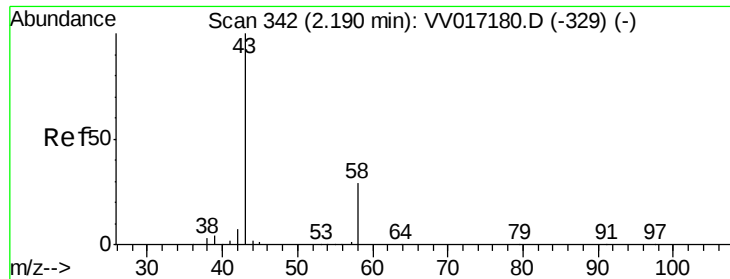
Ion Ratio Lower Upper

96 100

61 1218.9 130.4 242.2#

63 9110.3 103.3 191.9#





#13

Acetone

Concen: 11.433 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV017187.D

Acq: 26 Jun 2020 17:26

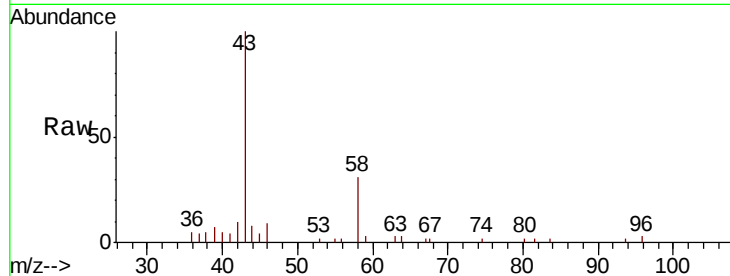
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 12738

Ion Ratio Lower Upper

43 100

58 25.3 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV017187.D (-249) (-)

Ion 58.00 (57.70 to 58.70): VV017187.D (-249) (-)

2.19

6000

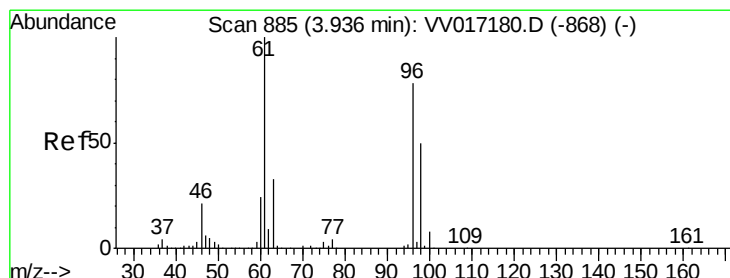
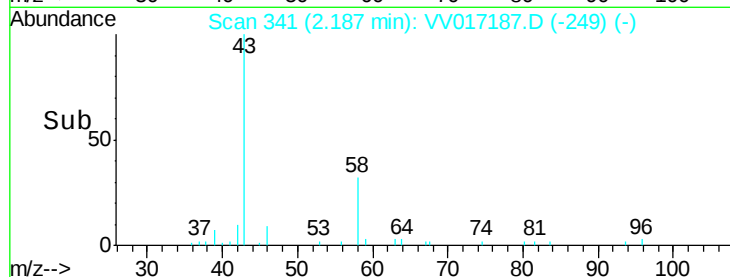
4000

2000

0

Time-->

2.15 2.20 2.25



#20

cis-1,2-Dichloroethene

Concen: 78.341 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017187.D

Acq: 26 Jun 2020 17:26

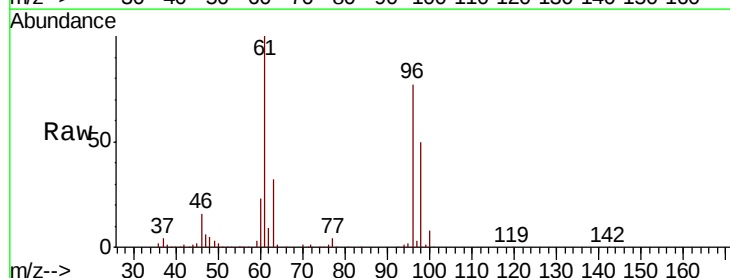
Tgt Ion: 96 Resp: 187136

Ion Ratio Lower Upper

96 100

61 130.2 93.4 173.4

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017187.D (-792) (-)

Ion 61.00 (60.70 to 61.70): VV017187.D (-792) (-)

Ion 68.00 (67.70 to 68.70): VV017187.D (-792) (-)

3.94

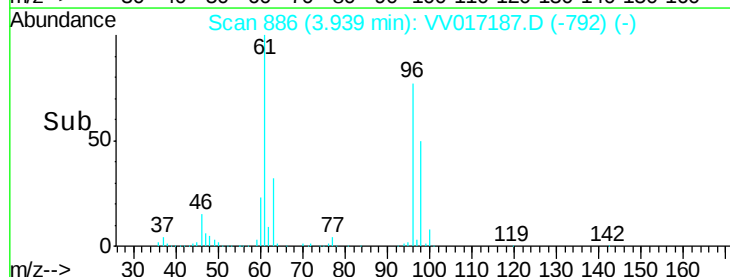
100000

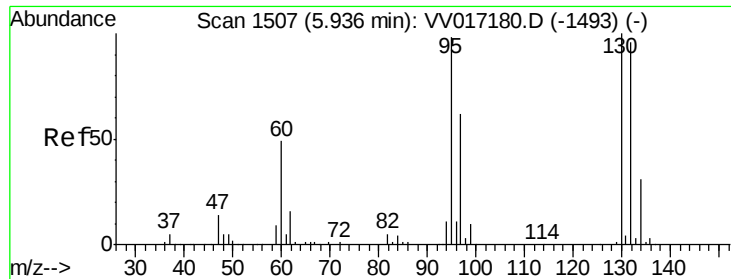
50000

0

Time-->

3.90 4.00

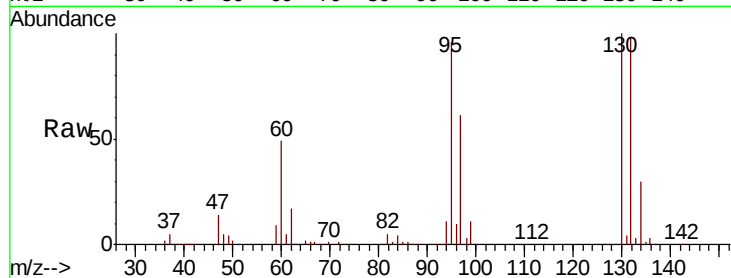




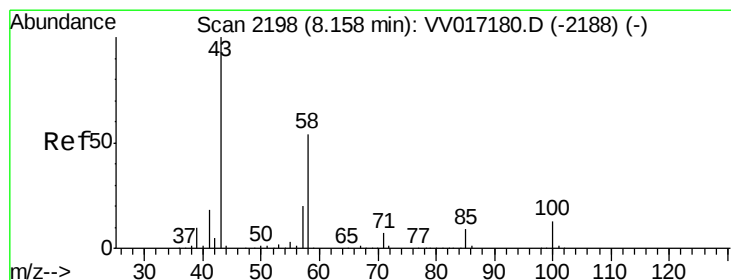
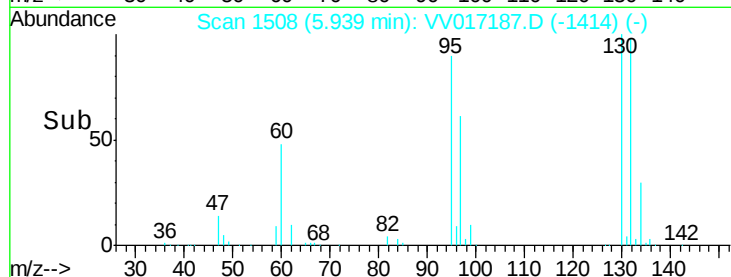
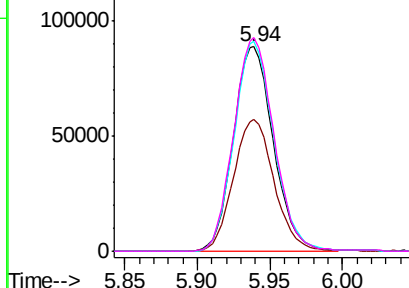
#34
 Trichloroethene
 Concen: 70.230 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017187.D
 Acq: 26 Jun 2020 17:26

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 170738
 Ion Ratio Lower Upper
 95 100
 97 64.2 44.3 82.3
 132 102.5 67.9 126.1
 130 104.4 72.2 134.2

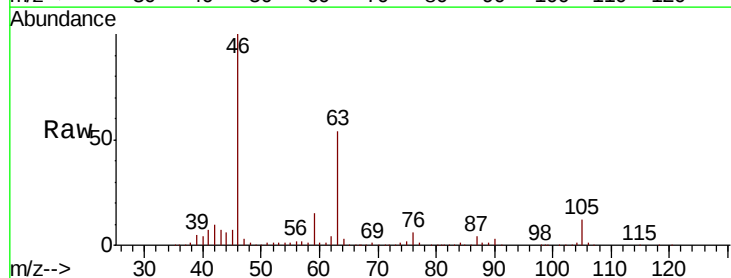


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 97.00 (96.70 to 97.70): VV0
 Ion 132.00 (131.70 to 132.70): VV0
 Ion 130.00 (129.70 to 130.70): VV0



#48
 2-Hexanone
 Concen: 5.391 ug/L
 RT: 8.11 min Scan# 2182
 Delta R.T. -0.05 min
 Lab File: VV017187.D
 Acq: 26 Jun 2020 17:26

Tgt Ion: 43 Resp: 13964
 Ion Ratio Lower Upper
 43 100
 58 30.0 43.1 64.7#
 57 25.8 15.3 22.9#
 100 1.1 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0
 Ion 57.00 (56.70 to 57.70): VV0
 Ion 100.00 (99.70 to 100.70): VV0

